



JAMES A. NOYES, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

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IN REPLY PLEASE

REFER TO FILE: **C-1**

May 11, 2004

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS  
SUPERVISORIAL DISTRICTS 1, 2, 4, AND 5  
3 VOTES**

**IT IS RECOMMENDED THAT YOUR BOARD:**

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000783 - Dominguez Gap Barrier Project, Phase 4A, Unit 7B, Part 2B, Cities of Carson, Long Beach, and Los Angeles (2 and 4), Mladen Buntich Construction Company, Inc., in amount of \$186,818.60.

Project ID No. GME0000002 - Retrofit/Replacement of Underground Storage Tanks and Fuel Facilities, Group 2, vicinities of Walnut, Lawndale, Lomita, Canyon Country, Wrightwood, and Lancaster (1, 2, 4, and 5), Fleming Environmental, Inc., in amount of \$132,753.00.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000783 and GME0000002.

### **Implementation of Strategic Plan Goals**

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

### **FISCAL IMPACT/FINANCING**

The estimated change order amounts for these contracts range from \$132,753.00 to \$186,818.60.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

The Honorable Board of Supervisors  
May 11, 2004  
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### **ENVIRONMENTAL DOCUMENTATION**

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

### **CONCLUSION**

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

JAMES A. NOYES  
Director of Public Works

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Enc. 2

cc: Chief Administrative Office  
County Counsel  
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)  
May 11, 2004

PROJECT ID NO. FCC0000783, DOMINGUEZ GAP BARRIER PROJECT, PHASE 4A, UNIT 7B, PART 2B (Cities of Carson, Long Beach, and Los Angeles),  
Supervisory Districts 2 and 4, Contractor: Mladen Buntich Construction Company, Inc.

Project Description:

Construction of a water supply system, compressed air system, microfiltration treatment system, and an electrical system to service 34 injection wells currently under construction. The injection wells are an extension of the Dominguez Gap Barrier Project, which prevents the infiltration of seawater into groundwater aquifers.

Changes in Work:

(1) Reconstruct Connector Pipes	\$ 1,233.00
(2) Provide Alternate Pressure Regulating Valve	8,436.00
(3) Modify Microfiltration Building	37,736.00
(4) Install Ground Rods	1,789.60
(5) Relocate Pull Boxes	6,874.00
(6) Realign Water and Disposal Lines	42,400.00
(7) Pipe Fabrications Revisions	6,750.00
(8) Repair Waterline	3,900.00
(9) Install Vault Flood Detection Systems	19,000.00
(10) Install Pressure Gauges and Position Indicators	5,500.00
(11) Grade Adjustment and Retaining Wall	<u>53,200.00</u>
Total	<u>\$186,818.60</u>

Description of Changes:

(1) Your Board previously approved a change in work to realign storm drain connector pipes to avoid interferences with the new construction. The cost for this work will exceed the original estimate by the amount shown.

(2) To avoid premature wear, the pressure regulating valves should be equipped with anti-cavitation devices. These devices will increase the cost of the contract in the amount shown.

(3) The prefabricated metal microfiltration building shown on the plans should be replaced with a concrete block masonry building to extend its useful life. Also, in order to accommodate a water treatment tank that was not shown on the plans, it will be necessary to lengthen the microfiltration building by three feet. These changes will result in an increase to the contract in the amount shown.

(4) To protect the safety of maintenance crews in the future, it will be necessary to install grounding rods in all of the pull boxes. This work was not shown on the plans.

(5) In order to control the microfiltration system from an existing office in the chlorination station, it will be necessary to install additional 2" conduit and pull boxes. This work is not shown on the plans.

(6) During excavation operations, the contractor encountered an existing 48" storm drain that was not shown on the plans. Therefore, it will be necessary to realign the disposal and water supply lines and construct two siphon manholes and an extra disposal line, including an air relief valve.

(7) Welding will be necessary to join the new airline, waterline, and disposal lines to the recharge wells and air-relief valves. This work is not shown on the plans.

(8) A leak was found in the existing water service line to the chlorination station. It will be necessary to repair this waterline.

(9) In order to prevent future damage to the well vaults, it will be necessary to install flood detection systems in each recharge well vault. This work is not shown on the plans.

(10) In order for the microfiltration system to run properly, it will be necessary to install low point relief drains, pressure gauges, and valve position indicators in the vaults that house the pressure reduction valves. This work is not shown on the plans.

(11) In order to bring the existing grade up to the proposed finish grade at the Dominguez Channel access road, it will be necessary to perform additional grading and resurfacing. Also, it will be necessary to construct a retaining wall along the Dominguez Channel access road. This work is not shown on the plans.

The costs for Items 1, 5, 7, 8, 9, 10, and portions of the costs for Items 3, 6, and 11 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The costs for Items 2, 4, a portion of the cost for Item 3, and the balance of the cost of Item 11 were negotiated as provided in Subsection 3-2 of the contract specifications. The balance of the costs for Items 3 and 6 will be based on contract unit prices.

Five additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$11,845,221.00
Changes in work previously approved by the Board	622,054.21
Changes in work to be authorized	<u>186,818.60</u>
Revised contract amount	<u>\$12,654,093.81</u>

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CHANGE IN WORK (AUTHORIZE)  
May 11, 2004

PROJECT ID NO. GME0000002, RETROFIT/REPLACEMENT OF UNDERGROUND STORAGE TANKS AND FUEL FACILITIES, GROUP 2 (in the vicinities of Walnut, Lawndale, Lomita, Canyon Country, Wrightwood, and Lancaster), Supervisorial Districts 1, 2, 4, and 5, Contractor: Fleming Environmental, Inc.

Project Description:

Retrofit/replacement of underground storage tanks and fuel facilities.

Changes in Work:

(1) Install New Canopy at Jackson Lake	\$ 51,900.00
(2) Delete Fuel Dispenser at Lomita Yard	(784.00)
(3) Provide Bottom Fill at Jackson Lake	7,259.00
(4) Reinstall Kiosk at Canyon Country	3,450.00
(5) Delete Electric Panel at Lancaster	(722.00)
(6) Tank Grounding at Lawndale	550.00
(7) Fuel Management System Startup Support	1,100.00
(8) Dispose of Contaminated Soil	63,000.00
(9) Hand Dig Footings at Canyon Country	1,300.00
(10) Hand Work for Interferences at Lancaster	3,000.00
(11) Repair Waterline	1,400.00
(12) Canopy Footing Obstruction at Lancaster	<u>1,300.00</u>
Total	<u>\$132,753.00</u>

Description of Changes:

- (1) It has been deemed necessary to install a canopy at the Jackson Lake site to protect the fueling station. This work is not shown on the plans.
- (2) The contract drawings call for a new air and water dispenser at the Lomita Yard fuel island. Since there is already an existing air and water dispenser in a nearby vehicle bay, it was decided that the new air and water dispenser be deleted from the contract. This will result in a credit to the contract in the amount shown.
- (3) Due to the inclement weather at the Jackson Lake facility, it will be necessary to change the fill mechanism on the above ground tank from a top fill to a bottom fill mechanism.

(4) At the Canyon Country site, it will be necessary to have the contractor reinstall an existing kiosk on the new fuel island. This work was not shown on the plans.

(5) At the Lancaster site, the contract drawings call for a new electric panel for the fuel tank upgrade. Since the existing electric panel was upgraded during a recent building renovation, it will not be necessary to install the new panel. This will result in a credit to the contract in the amount shown.

(6) As a safety measure, it will be necessary to install tank grounding at the Lawndale site. This work was not shown on the plans.

(7) At the Lomita site, the contract drawings call for the fuel management system to be reinstalled. In order to properly reinstall the fuel management system and electrical components, it will be necessary to secure the services of a factory representative.

(8) During excavation at three of the sites, contaminated soil was encountered. It will be necessary to compensate the contractor for the cost to dispose of the contaminated soil.

(9) During excavation for footings at the Canyon Country site, an unmarked waterline was discovered. In order to protect the waterline, it will be necessary to hand dig the remainder of the footings, and sleeve the waterline where it passes through the footing.

(10) During excavation for the new tanks and piping at the Lancaster site, several unmarked utilities were discovered. In order to install the tanks and piping per plan, it will be necessary relocate the existing utilities.

(11) During excavation for the fuel tank piping and electrical conduits at the Lancaster site, the contractor uncovered and broke two unmarked waterlines. It will be necessary to repair these waterlines.

(12) In order to install the footings for the emulsion tank canopy per plan, it will be necessary to remove a portion of an existing retaining wall footing. This work is not shown on the plans.

The costs for Items 1 through 6 were negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 7 through 12 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Forty additional working days will be required because of these changes. In addition, due to the extra time necessary to obtain approval from the US Forestry Service for the construction at the Jackson Lake site, the contractor will be granted an additional 40 working days.



Revised Contract Amount:

Original contract amount	\$1,401,950.00
Changes in work to be authorized	<u>132,753.00</u>
Revised contract amount	<u>\$1,534,703.00</u>

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